B. V. Bazalij, S. P. Degtyarev. **On a linear boundary value problem with higher derivatives in the boundary condition arising in the theory of free boundary problems** // Nelinejnye granichnye zadachi (Nonlinear Boundary Value Problems). – 1989. – **1.** – p. 7-12.

The solvability in classes of smooth functions is proved for a problem such as the conjugation problem for parabolic and elliptic equations with higher derivatives in the boundary conditions   and an estimate of solutions is obtained.